

Hsu-Heng Yen



Hsu-Heng Yen Sex : Male

E-mail: 91646@cch.org.tw

Address: No 135 Nanhsiao Street, Endoscopy Center,
Changhua Christian Hospital, Changhua,

Taiwan

Education:

1993 -2000 National Taiwan University School of Medicine

Postgraduate Training:

2000 -2004 Resident, Department of Internal Medicine, Changhua Christian
Hospital

2004 -2006 Fellow, Division of Gastroenterology, Changhua Christian Hospital

Hospital Appointment:

2006 – now: Department of Internal Medicine, Changhua Christian Hospital

Major Research Interests:

Therapeutic endoscopy (Hemostasis, EMR, ESD)

Enteroscopy (DBE, capsule endoscopy)

Gastrointestinal cancers

Inflammatory bowel diseases (IBD)

Publications (2021-2022)

1: Hsiao SW, Yen HH, Chen YY. Chemoprevention of Colitis-Associated Dysplasia or Cancer in Inflammatory Bowel Disease. *Gut Liver*. 2022 Jun 7. doi:10.5009/gnl210479. Epub ahead of print. PMID: 35670121.

2: Yen HH, Wu PY, Wu TL, Huang SP, Chen YY, Chen MF, Lin WC, Tsai CL, Lin KP. Forrest Classification for Bleeding Peptic Ulcer: A New Look at the Old Endoscopic Classification. *Diagnostics (Basel)*. 2022 Apr 24;12(5):1066.

3: Yen HH, Chen YY, Lai JH, Chen HM, Yao CT, Huang SP, Liu IL, Zeng YH, Yang FC, Siao FY, Chen MW, Su PY. Pan-Genotypic Direct-Acting Antiviral Agents for Undetermined or Mixed-Genotype Hepatitis C Infection: A Real-World Multi-Center Effectiveness Analysis. *J Clin Med*. 2022 Mar 27;11(7):1853.

4: Chang YY, Li PC, Chang RF, Chang YY, Huang SP, Chen YY, Chang WY, Yen HH. Development and validation of a deep learning-based algorithm for colonoscopy quality assessment. *Surg Endosc*. 2022 Feb 7.

5: Su PY, Su WW, Hsu YC, Wang SY, Chiu PF, Yen HH. Micro-Elimination of Hepatitis C among Patients with Kidney Disease by Using Electronic Reminder System-A Hospital-Based Experience. *J Clin Med*. 2022 Jan 14;11(2):423.

6: Kuo CJ, Le PH, Tai WC, Wu KL, Yen HH, Yen CW, Tung SY, Chung CS, Su MY, Chiu CT. The effectiveness and safety of vedolizumab induction for moderate to severe ulcerative colitis for Asia patient: A real practice observational study. *J Formos Med Assoc*. 2021 Dec 16:S0929-6646(21)00532-5.

7: Chou JW, Chung CS, Huang TY, Tu CH, Chang CW, Chang CH, Wang YP, Hsu WH, Yen HH, Kuo CJ, Chuang CH, Lin CP, Tsai TJ, Su MY, Wang HY, Wu DC, Chiu CT. Meckel's Diverticulum Diagnosed by Balloon-Assisted Enteroscopy: A Multicenter Report from the Taiwan Association for the Study of Small Intestinal Diseases (TASSID). *Gastroenterol Res Pract*. 2021 Nov 18;2021:9574737.

8: Su PY, Chen YY, Lai JH, Chen HM, Yao CT, Liu IL, Zeng YH, Huang SP, Hsu YC, Wu SS, Siao FY, Yen HH. Real-World Experience of Chronic Hepatitis C-Related Compensated Liver Cirrhosis Treated with Glecaprevir/Pibrentasvir: A Multicenter Retrospective Study. *J Clin Med*. 2021 Nov 10;10(22):5236.

9: Hsiao SW, Chen MW, Yang CW, Lin KH, Chen YY, Kor CT, Huang SP, Yen HH. A Nomogram for Predicting Laparoscopic and Endoscopic Cooperative Surgery during the Endoscopic Resection of Subepithelial

Tumors of the Upper Gastrointestinal Tract. *Diagnostics (Basel)*. 2021 Nov 22;11(11):2160.

10: Su PY, Su WW, Hsu YC, Huang SP, Yen HH. Real-world experience of switching from tenofovir disoproxil fumarate to tenofovir alafenamide in patients with chronic hepatitis B: a retrospective study. *PeerJ*. 2021 Nov 19;9:e12527.

11: Chang YY, Yen HH, Li PC, Chang RF, Yang CW, Chen YY, Chang WY. Upper endoscopy photodocumentation quality evaluation with novel deep learning system. *Dig Endosc*. 2021 Oct 30. doi: 10.1111/den.14179. Epub ahead of print.

12: Hsu PK, Wu LS, Su WW, Su PY, Chen YY, Hsu YC, Yen HH, Wu CL. Comparing the controlled attenuation parameter using FibroScan and attenuation imaging with ultrasound as a novel measurement for liver steatosis. *PLoS One*. 2021 Oct 15;16(10):e0254892.

13: Chang WJ, Tsao LC, Yen HH, Yang CW, Lin J, Lin KH. Endoscopic Resection for Gastric Subepithelial Tumor with Backup Laparoscopic Surgery: Description of a Single-Center Experience. *J Clin Med*. 2021 Sep 27;10(19):4423.

14: Chen MW, Yen HH. Comparison of the sixth, seventh, and eighth editions of the American Joint Committee on Cancer Tumor-Node-Metastasis staging system for gastric cancer: A single institution experience. *Medicine (Baltimore)*. 2021 Oct 1;100(39):e27358.

15: Chang YY, Li PC, Chang RF, Yao CD, Chen YY, Chang WY, Yen HH. Deep learning-based endoscopic anatomy classification: an accelerated approach for data preparation and model validation. *Surg Endosc*. 2022 Jun;36(6):3811-3821.

16: Yen HH, Wu PY, Chen MF, Lin WC, Tsai CL, Lin KP. Current Status and Future Perspective of Artificial Intelligence in the Management of Peptic Ulcer Bleeding: A Review of Recent Literature. *J Clin Med*. 2021 Aug 11;10(16):3527.

17: Su PY, Chen YY, Yen HH, Huang SP, Liu IL, Zeng YH, Hsu YC, Siao FY. Strategy for the Micro-Elimination of Hepatitis C among Patients with Diabetes Mellitus-A Hospital-Based Experience. *J Clin Med*. 2021 Jun 6;10(11):2509.

18: Yen HH, Hsu HT. Gastric subcentimeter subepithelial tumor: successful resection with an over-the-scope

padlock clip. *Endoscopy*. 2022 May;54(5):E238-E239

19: Yen HH, Su PY, Huang SP, Wu L, Hsu TC, Zeng YH, Chen YY. Evaluation of non- alcoholic fatty liver disease in patients with inflammatory bowel disease using controlled attenuation parameter technology: A Taiwanese retrospective cohort study. *PLoS One*. 2021 May 27;16(5):e0252286.

20: Yen HH, Su PY, Liu II, Zeng YH, Huang SP, Hsu YC, Hsu PK, Chen YY. Retrieval of lost patients in the system for hepatitis C microelimination: a single-center retrospective study. *BMC Gastroenterol*. 2021 May 8;21(1):209.

21: Chen YH, Huang YC, Yang SF, Yen HH, Tsai HD, Hsieh MC, Hsiao YH. Pitavastatin and metformin synergistically activate apoptosis and autophagy in pancreatic cancer cells. *Environ Toxicol*. 2021 Aug;36(8):1491-1503.

22: Hsu PK, Wu LS, Yen HH, Huang HP, Chen YY, Su PY, Su WW. Attenuation Imaging with Ultrasound as a Novel Evaluation Method for Liver Steatosis. *J Clin Med*. 2021 Mar 2;10(5):965.

23: Yen HH, Su PY, Liu IL, Zeng YY, Huang SP, Hsu YC, Yang CW, Chen YY. Direct- acting antiviral treatment for Hepatitis C Virus in geriatric patients: a real- world retrospective comparison between early and late elderly patients. *PeerJ*. 2021 Mar 16;9:e10944.

24: Yen HH, Hsu TC, Chen MW, Su PY, Chen YY. Clinical features and treatment of inflammatory bowel disease in a low-incidence area: A hospital-based retrospective cohort study in Taiwan. *Medicine (Baltimore)*. 2021 Mar 12;100(10):e25090.

25: Kuo CH, Yang CW, Yen HH. Successful endoscopic retrieval of dislodged jejunostomy Foley catheter. *Endoscopy*. 2021 Dec;53(12):E450-E451.

26: Yen HH, Fu YW, Hsu YJ. Retrograde esophageal stenting for esophageal stenosis following esophageal atresia repair. *Endoscopy*. 2021 Oct;53(10):E370-E371.

27: Wu TL, Hsu HT, Yen HH. Jejunum lymphangioma: a rare case of obscure gastrointestinal bleeding with successful endoscopic therapy. *Endoscopy*. 2021 Aug;53(8):E307-E308.

28: Fu YW, Hsu YJ, Yen HH. Successful treatment of anastomotic leakage by endoscopic stenting after esophageal atresia repair in an infant. *Endoscopy*. 2021 May;53(5):E160-E161.

29: Yen HH, Su PY, Zeng YH, Liu IL, Huang SP, Hsu YC, Chen YY, Yang CW, Wu SS, Chou KC.

Glecaprevir-pibrentasvir for chronic hepatitis C: Comparing treatment effect in patients with and without end-stage renal disease in a real-world setting. *PLoS One*. 2020 Aug 13;15(8):e0237582.

30: Yen HH, Chen MW, Chang YY, Huang HY, Hsu TC, Chen YY. Predictive values of stool-based tests for mucosal healing among Taiwanese patients with ulcerative colitis: a retrospective cohort analysis. *PeerJ*. 2020 Jul 14;8:e9537.

31: Siao FY, Chiu CW, Chiu CC, Chang YJ, Chen YC, Chen YL, Hsieh YK, Chou CC,

Yen HH. Can we predict patient outcome before extracorporeal membrane oxygenation for refractory cardiac arrest? *Scand J Trauma Resusc Emerg Med*. 2020 Jun 23;28(1):58. doi: 10.1186/s13049-020-00753-6.

32: Su HA, Hsu YC, Siao FY, Yen HH. Diagnosis and management of jejunoileal diverticular haemorrhage: An update on the experience in a single centre. *PLoS One*. 2020 Jun 23;15(6):e0234417.